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NO. 1263 P. 1

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200400352-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Parthasarathy Ranganathan et a

Confirmation No.: 9361

Application No.: 10/830216

Examiner:

Filing Date: Apr 23, 2004

Group Art Unit:

Title: Optimizing Lifetime Of A Display

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

under 37 CFR 1.97 (b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first action on the merits; whichever occurs last)

under 37 CFR 1.97 (c), together with either a:  
 Statement under 37 CFR 1.97 (e), or  
 a \$180 fee under 37 CFR 1.17 (p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97 (d), together with either a:  
 Statement under 37 CFR 1.97 (e)(1) or (2), and  
 a \$180 fee set forth in 37 CFR 1.17 (p)

(Filed after final action, a notice of allowance, or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$ 0.00. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed.

It is requested that the information disclosed herein be made of record in this application.

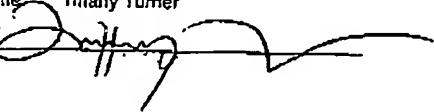
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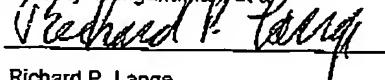
Typed Name: Tiffany Turner

Signature: 

Respectfully submitted,

Parthasarathy Ranganathan et a

By



Richard P. Lange

Attorney/Agent for Applicant(s)

Reg No. : 27296

Date : 3/15/06

Telephone : 650 857 2821

Rev 5/05 (IDSC-0)

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PATENT APPLICATION

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Title: Optimizing Lifetime Of A Display

Mail Stop Amendment  
Commissioner For Patents  
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Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 1.97 (e)

The undersigned hereby certifies that either:

Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or

No item of information contained in the Information Disclosure Statement

-- was cited in a communication from a foreign patent office in a counterpart foreign application, and

-- to the knowledge of the undersigned, after making reasonable inquiry, was known to any designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

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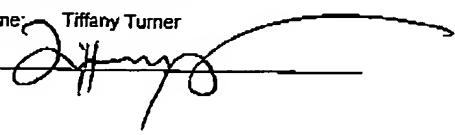
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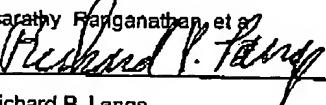
Typed Name: Tiffany Turner

Signature: 

Respectfully submitted,

Parthasarathy Ranganathan, et al

By

  
Richard P. Lange

Attorney/Agent for Applicant(s)

Reg No.: 27296

Date: 3/15/06

Telephone: 650 857 2821

Rcv 10/05 (SLu1976)

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PTO/SB/08A (07-05)

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Substitute for form 1448/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

She

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**Complete if Known**

Application Number	10/830216
Filing Date	10/27/2005
First Named Inventor	Ranganathan, et al
Art Unit	
Examiner Name	
Attorney Docket Number	200400352-1

U. S. PATENT DOCUMENTS

**FOREIGN PATENT DOCUMENTS**

Examiner Signature	Date Considered
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**\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 501.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Application Number	10/830216
		Filing Date	10/27/2005
		First Named Inventor	Ranganathan, et al
		Art Unit	
		Examiner Name	
Sheet <b>2</b>	of <b>2</b>	Attorney Docket Number	200400352-2

#### NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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**\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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